



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564867, 9551095

Month August, 2020		Day : Sunday				Date : 30.08.20					
Probable Maximum Demand :		12200 MW				Probable Maximum Generation : 14178 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 93.26 ft				Today = 93.20 ft					
		Rule Curve = 98.34 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.08.20 (Yesterday)		30.08.20 (Today)		29.08.20 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
(A) Plants in operation:											
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	28	28	28	28	57	Unit 2 under maint.
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Gas Shortage
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	110	110	110	110	80	Gas Shortage
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0	365	Under maint.
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	100	103	103	103	5	Gas Shortage
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	62	63	65	65	15	Gas Shortage
5	Tong 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20	Gas Shortage
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	346	351	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	370	450	450		
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under Overhauling
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	354	355	412	412		
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	97	57	100	100	153	Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	Gas Shortage
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	99	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	145	150	150		
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	7	7	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	92	96	96	96		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	45	55	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	7	100	100	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	93	93	85	102		
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22		
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.87+7x8.73	80	80	45	53	55	55		
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	0	33	33	33		
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	51	35	52		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	74	105	100	100		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	149	149	149		
27	Kaipoti 52 MW PP (Sirha)	HFO (IPP)	7x7.90	51	51	0	0	0	0		
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	53	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	290	300	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	131	113	133	133		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	250	100	300		
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	80	50	100		
33	Aurahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	51	100	100		
34	Nababganj 55 MW PP (Southern p)	HFO (IPP)	3x19.3	55	55	25	55	55	55		
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	35	55	55		
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0		
37	Meghnaghat-104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	17	104	104	104		
Dhaka Zone Total				6119	5895	2612	3516	3692	3976	1063	537
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	86	89	88	90	141	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.
40	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.2	0	5	0		
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25		
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19.2	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	50	50		
44	Sikalbaha 105 MW PP (Baraka Sil)	HFO (IPP)	6x18.415	105	105	0	34	100	100		
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	139	139	143	143	143	11	Gas shortage
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		
47	Anwara 300 MW PP (Uniled)	HFO (IPP)	17x17.076+ 3x8.04	300	300	288	306	300	300		
48	Juidah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	10	100	100		
49	Juidah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	100	100	100	100		
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	102	100	100		
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		
52	Barabkurda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	21	21	21		
*	Malancha, Ctg,EP2 (Uniled)	Gas	5x8.73+3x9.34			4	36	20	30		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	15	96	97	97		
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	34	50	54		
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110		
56	Juidah unit-2 (Accom)	HFO (IPP)	8x13.6	100	100	100	100	100	100		
Chattogram Zone Total				2326	2266	823.4	1142	1369	1420	152	360
57	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135	Gas Shortage
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129	Gas Shortage
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134	Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	20	20	20	36		
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	203	209	225	225		
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	300	280	330	330		
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	300	265	300	300		
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	30	30	50	Gas shortage
63	Ashuganj 195MW PP (APSCL-	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8	187	Gas shortage
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51		
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	10	123	150	150		
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	0	42		
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	30	89	96	96		
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	120	200	200		
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	21	21		
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11		
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33		
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	43	43	43		
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	20	20	20		
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x14.40+1.515+15x1.05	200	200	0	50	0	200		
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	114	114	114		
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	113	113	113	113		
**	Impoport (Tripura)	India		160	160	124	164	157	173		
Cumilla Zone Total				3040	2980	1243	1780	1922	2196	635	0
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	103	122	110	160		
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.924	22	22	20	20	20	20		
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	64	73	72	72		
80	Jamalpur 115 MW PP (Uniled)	HFO (IPP)	12x9.87	115	115	10	115	115	115		
81	Mymensingh 200 MW PP (Uniled)	HFO (IPP)	21x9.780	200	200	192	200	200	200		
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.9	0	1.6	0		
Mymensingh Zone Total				645	637	389.9	530	518.6	567	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.08.20 (Yesterday)		30.08.20 (Today)		29.08.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		
83	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	73	73	73	73			
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30			
85	Fenchugonj 51 MW PP (Barakatu)	Gas (RPP)	19x2.90	51	51	50	47	51	51			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	44	47	44	44			
87	Kushlira 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	130	163	163			
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP_REB)	4x2.90	11	11	5	11	11	11			
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	63	66	66			
90	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	202	210	210	210			
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	84	84	86	86			
92	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0			
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	18	18	18			
94	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10			
96	Shahjahanulla 25 MW PP	Gas (CIPP_REB)	3x9.34	25	25	24	24	25	25			
97	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	290	341	341			
98	Bibiana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			
99	Bibiana South 400 MW	Gas (PDB)				0	0	0	0			
Sylhet Zone Total				2033	1988	1048	1037	1128	1128	0	460	
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16			
100	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	360	410	410	410			
101	Fairdipor 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	8	0	30			
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	62	0	60			
103	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	100	220	220			
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x7	115	115	99	115	115	115			
105	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	60	100			
106	Noapara 40 MW PP (Khanjahan A	HFO (QRPP)	5x8.5	40	40	8	40	40	40			
107	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	0	70	105	105			
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	15	100	100			
**	Bheramara (HVDC)	India		1000	1000	927	932	933	933			
Khulna Zone Total				2288	2284	1514	1852	1983	2129	0	0	
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	110	110			
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	17	33	33	33			
111	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	90	65	65	65			
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	39	78	80	80			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	420	270	530	530			
Barishal Zone Total				1054	1054	566	556	818	818	0	129	
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	65	0	0	6		Gas Shortage
114	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	43	0	50			
116	Baghabari 200 MW PP (Paramoun	HSD (IPP)	135x1.6	200	200	0	50	200	200			
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	35	0	40			
118	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0			
119	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	96	100	100			
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	39	0	50			
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	8	50	50			
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	28	0	32			
123	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage
124	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	204	190	220	220			
125	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	214	180	220	220			
126	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	410	408	414	414			
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	21	22	22			
128	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	11	11			
129	Ullapara 11 MW PP (Summit)	Gas (SIPP_REB)	4x2.90	11	11	11	11	11	11			
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	35	43	43			
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	90	90	113	113			
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	96	95	95			
Rajshahi Zone Total				2193	2163	959	1406	1499	1671	316	0	
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage
133	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	149	150	150			
135	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2'3	113	113	84	113	113	113			
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10			
138	Majpara, Tatulia 8 MW Solar PP (Sympa 1	Solar (IPP)	1 x 8	8	8	6.6	0	8	0			
Rangpur Zone Total				685	605	241	262	271	273	170	0	
Sub-total: Plants in operation				20383	19892	9395.9	12081	13201	14178	2336	1486	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss												
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0	0	0	0
Gross Total				20383	19892	9396	12081	13201	14178	2336	1486	

(C) Actual data of 29.08.20 (Yesterday) Saturday :												
01.	Max. Demand (Generation end)	: 12081.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 11678.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	: 12081.00	MW, at = 21:00 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	: 8540.10	MW, at = 7:00 hrs		Dhaka	3877	3877	0	Mymensingh	988	988	0
05.	Day-peak Generation (Generation end)	: 9395.90	MW, at = 10:00 hrs		Chattogram	1174	1174	0	Sylhet	494	494	0
06.	Evening-peak Generation (Generation end)	: 12081.00	MW, at = 21:00 hrs		Khulna	1525	1525	0	Barishal	355	355	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00	MW, at = 21:00 hrs		Rajshahi	1297	1297	0	Rangpur	812	812	0
08.	Actual Minimum Generation up to 8:00 hrs.	: 8955.70	MW, at = 7:00 hrs		Cumilla	1156	1156	0				
09.	Generation shortfall at evening peak due to :								Total	11678	11678	0
a)	Gas limitation	: 2025	MW	13.	Fuel cost :		(a) Gas = 146346853	Taka	(c) Coal = 42081934	Taka		
d)	Coal supply Limitation	: 170	MW				(b) Oil = 702477631	Taka	Total = 890906418	Taka		
b)	Low water level in Kaptai lake	: 141	MW									
c)	Plants under shut down/ maintenance	: 1486	MW	14.	Maximum Temperature in Dhaka was : 32.8° C							
10.	Total Energy (Generation + India Import)	: 242.52	MKWh	15.	Export through East-West interconnections :							
	By Gas = 126.687	MKWh	By Oil = 81.865									
	By Coal = 8.730	MKWh	By Hydro = 2.075									
	By Solar = 0.197	MKWh										
11.	Total Gas Supplied	: 1019.10	MMCFD									
(D) Forecast of 30.08.20 (Today) Sunday :												
01.	Maximum Demand	: 12200	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 14178	MW (Generation end)	05.	Total Generation : 244.91 MKWh							
03.	Maximum Shortage	: -1978	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 34.4° C							

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00
Captive Power ** Imported Power

(Fazoul Islam Shaker)
 Deputy Secretary, Generation